

**BLAKELY
SOKOLOFF
TAYLOR &
ZAFMAN**
A LIMITED LIABILITY
PARTNERSHIP INCLUDING
LAW CORPORATIONS

1279 OAKMEAD PARKWAY
SUNNYVALE, CALIFORNIA 94085
(408) 720-8300 (Telephone)
(408) 720-8383 (Facsimile)

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Deliver to: Examiner Kenneth S. Kim, Art Unit 2111
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Fax Number: 703-872-9306
From: Michael J. Mallie Operator: Anne Collette
Date: June 16, 2005
App. No.: 10/028,859
No. of pages: 17 (including cover sheet)
Client/Matter: 42390P10920 Docket Date: 6/16/2005 Atty: CTF

Dear Examiner:

Please find the following document(s) attached:

- 1) Transmittal Form (1 page)
- 2) Response to Office Action (15 pages)

Thank you.

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TRANSMITTAL FORM

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Total Number of Pages in This Submission

15

Application Number

10/028,859

Filing Date

December 19, 2001

First Named Inventor

John W. Mates

Art Unit

2111

Examiner Name

Kenneth S. Kim

Attorney Docket Number

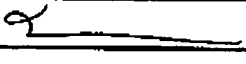
42390P10920

ENCLOSURES

(Check all that apply)

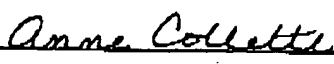
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Blakely, Sokoloff, Taylor & Zafman LLP		
Signature			
Printed name	Michael J. Mallie		
Date	June 16, 2005	Reg. No.	36,591

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Signature			
Typed or printed name	Anne Collette	Date	June 16, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JUN 16 2005

42390P10920

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

John W. Mates

Examiner: Kim, Kenneth S.

Serial No.: 10/028,859

Art Unit: 2111

Filing Date: December 19, 2001

For: CELLULAR AUTOMATON
CACHE METHOD AND
APPARATUSCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450AMENDMENT AND RESPONSE

Dear Sir:

In response to the Office Action mailed March 16, 2005, please enter the following amendments and consider the following remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks/Arguments begin on page 12 of this paper.

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By: Anne Collette
Anne ColletteDate: June 16, 2005